
KODAK EASYSHARE Camera / CD24



Extended user guide

www.kodak.com

For help with your camera:

www.kodak.com/go/CD24support



Eastman Kodak Company
Rochester, New York 14650

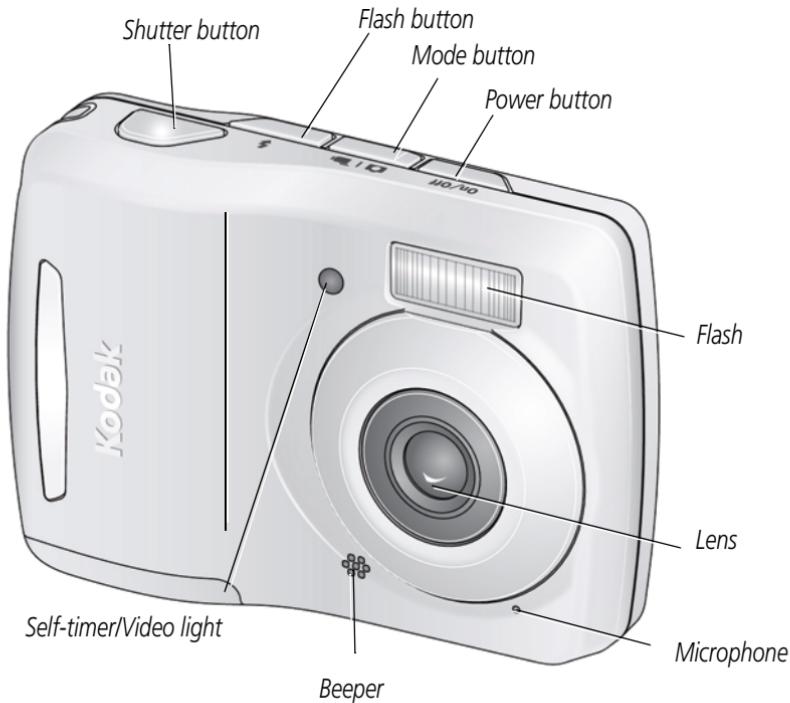
© Eastman Kodak Company, 2011

All screen images are simulated.

Kodak, EasyShare, and Pulse are trademarks of Eastman Kodak Company.

4H8651_en

Front view



Back view

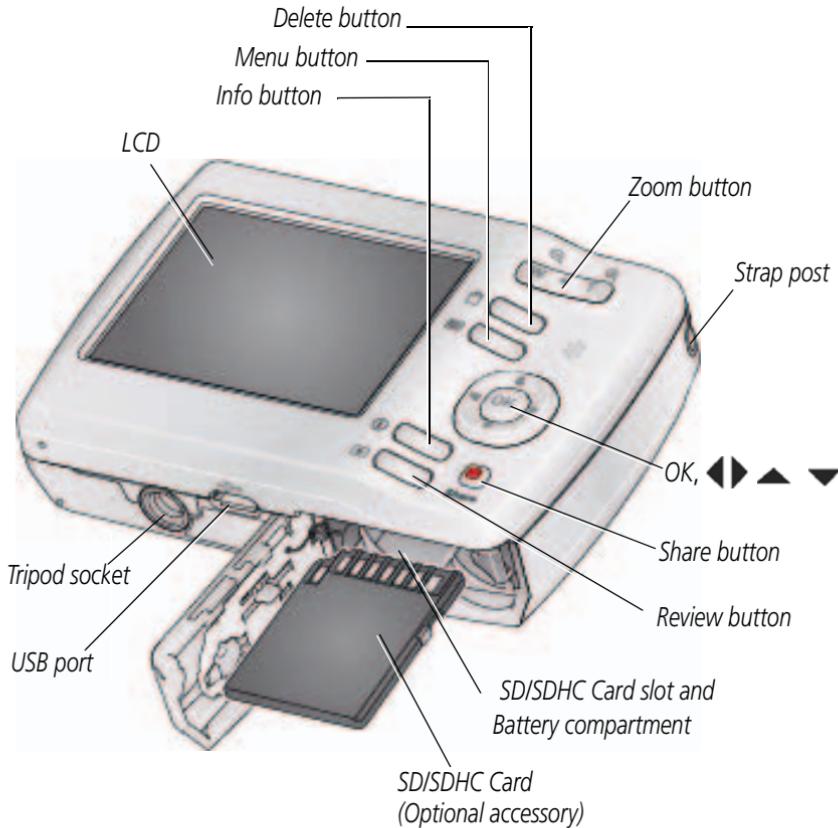


Table of contents

1	Setting up your camera	1
	Attaching the wrist strap	1
	Loading the batteries	1
	Turning on the camera	2
	Setting the language and date/time	2
	Storing pictures on an optional SD or SDHC Card	3
2	Taking pictures/videos	4
	Taking pictures	4
	Taking a video	5
	Adjusting LCD brightness	6
	Understanding the picture-taking icons	6
	Watch the battery level	7
	Using the digital zoom	7
	Using the flash	8
	Using different modes	9
	Using shortcuts	11
	Using the self-timer	12
	Using burst	12
3	Sharing and tagging pictures	13
	Sharing pictures/videos through social networks	13
	Tagging pictures	15
	Marking pictures/videos for emailing	16
4	Reviewing and editing	17
	Reviewing pictures/videos	17
	Deleting pictures/videos	18
	Viewing pictures/videos in different ways	19
	A smarter way to find and enjoy your pictures	20
	Understanding the review icons	21
	Displaying pictures/videos on a television	22

Using the menu button in review	23
Cropping pictures.....	23
Rotating pictures.....	24
Using KODAK PERFECT TOUCH Technology	24
Editing videos	25
Selecting multiple pictures/videos	26
5 Doing more with your camera	27
Using the menu button to change settings.....	27
Using the Setup menu	30
6 Transferring, printing pictures	32
Transferring pictures to your computer.....	32
Printing pictures.....	33
Marking your pictures for print	34
7 Troubleshooting	35
Getting help from your camera	35
Troubleshooting	36
Getting help on the Web	39
8 Appendix	40
Specifications	40
Care and maintenance	42
Upgrading your software and firmware.....	42
Storage capacities	42
Important safety instructions	43
Battery replacement, battery life	44
Limited warranty	44
Regulatory compliance	46

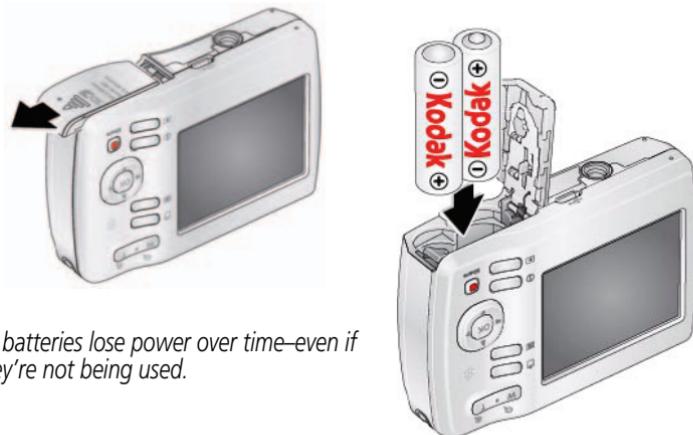
1

Setting up your camera

Attaching the wrist strap



Loading the batteries



All batteries lose power over time—even if they're not being used.

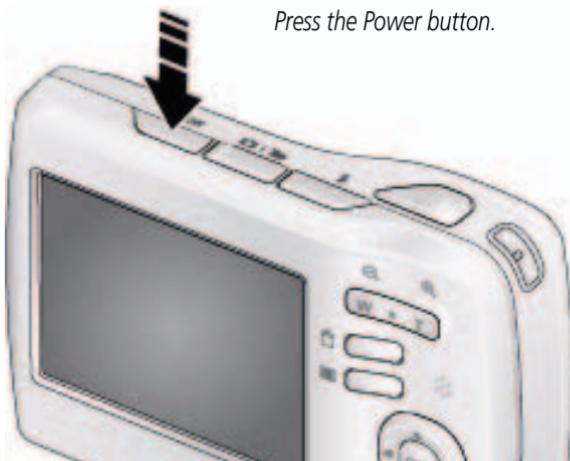
Purchase extra batteries for your event

www.kodak.com/go/accessories

Watch the battery level

[See page 7](#)

Turning on the camera



Press the Power button.

Setting the language and date/time



Language:

▲▼ to change.
OK to accept.

Date/Time:

At the prompt, press OK.
▲▼ to change current field.
◀▶ for previous/next field.
OK to accept.

NOTE: To change language in the future, use the Setup Menu (see page 30).

Storing pictures on an optional SD or SDHC Card

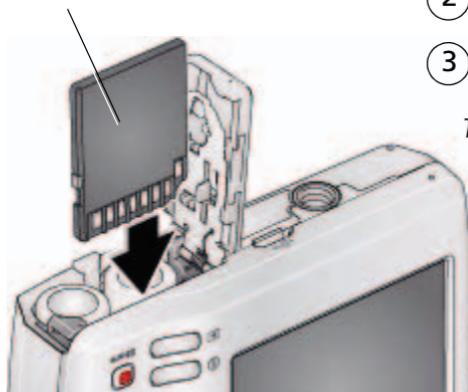
Your camera has internal memory. We strongly recommend purchasing an SD or SDHC Card to conveniently store more pictures/videos.



CAUTION:

A card can only be inserted one way; forcing it may cause damage. Inserting or removing a card while the camera is on may damage the pictures, the card, or the camera.

SD/SDHC Card
(optional accessory)



① Turn off the camera.

② Insert the card until it clicks.

③ Turn on the camera.

To eject the card, push and release it.

IMPORTANT: When turned on, the camera checks to see if a card is inserted. If so, new pictures/videos are stored on the card. If no card is inserted, new pictures/videos are stored in the camera's internal memory.

If pictures/videos are detected in internal memory and a card is inserted, the camera prompts you to move the pictures to the card (and erase those in internal memory).

Purchase accessories

www.kodak.com/go/accessories

www.kodak.com/go/support

EN

2

Taking pictures/videos

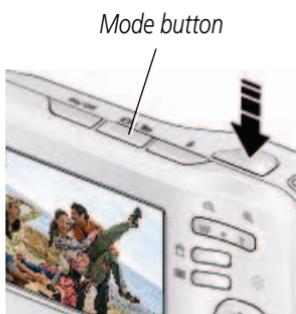
Taking pictures



To get clear, focused pictures:

- 1 The camera turns on in Auto mode.
If it turns on in a different mode, press the Mode button, then until the LCD displays Auto , then press OK.
- 2 Compose the picture.
- 3 Press the Shutter button **completely down**.

Taking a video



- 1 Press the Mode button, then **▲▼** until the LCD displays Video , then press OK.
- 2 Press the Shutter button **completely down**, then release it. To stop recording, press and release the Shutter button again.

To review and work with videos, see [page 17](#).

Reviewing the picture/video just taken

After you take a picture/video, the LCD briefly displays the picture or the first frame of a video.



While a picture/video appears on the LCD, you may:

Delete the current picture/video

Play/pause a video

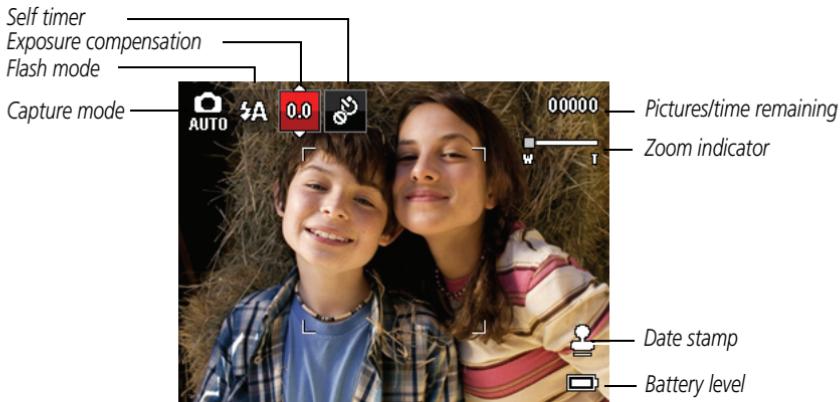
NOTE: Audio is captured during video recording. Audio can be heard when the video is played on a computer or when the camera is connected to a TV ([see page 22](#)).

To review pictures/videos anytime, see [page 17](#).

Adjusting LCD brightness

You can adjust the LCD brightness for your environment or to conserve battery power, see [page 30](#).

Understanding the picture-taking icons



Watch the battery level

Don't miss out on great pictures and videos—watch the battery level.

Full	
Three quarters	
Half	
Critical	
AC Power	

Purchase extra batteries www.kodak.com/go/accessories

Using the digital zoom



1 Use the LCD to frame your subject.

2 To zoom in, press Telephoto (T).

To zoom out, press Wide Angle (W).

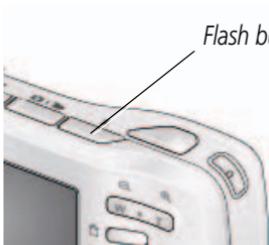
3 Take the picture or video.

NOTE: For focus distances, see Specifications starting on [page 40](#).

NOTE: You may notice decreased image quality when using digital zoom.

Using the flash

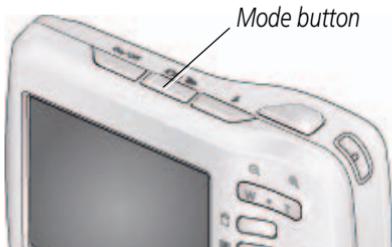
Press the Flash button repeatedly until the LCD displays the desired flash mode.



Flash modes	Flash fires
Auto	 When the lighting conditions require it.
Fill (Flash On)	 Every time you take a picture, regardless of the lighting conditions. Use when the subject is in shadow or is "backlit" (when the light is behind the subject).
Off	 Never
Red-eye Reduction	 A preflash fires, shrinking the eye pupil, before the picture is taken.

Using different modes

Press the Mode button, then **▲▼** until the LCD displays the mode that best suits your subjects and surroundings, then press OK.



Use this mode	For
 Auto	General picture taking—it offers excellent image quality and ease of use.
 SCN	You can choose the best picture size and aspect ratio—just press the Menu  button and choose Picture Size.
 Video	Point-and-shoot simplicity when taking pictures in practically any situation. (See page 10 .)
	Capturing video with sound. (See page 5 .)

Using Scene (SCN) modes

Choose a Scene mode—for great pictures in practically any situation.

- 1 Press the Mode button, then  until the LCD displays SCN, then press OK.
- 2 Press   to choose a mode and read its description.
- 3 Press OK to enter that Scene mode.

The camera is now in the scene mode that you chose.

SCN mode	For
Portrait	Full-frame portraits of people.
Sport	Action pictures.
Sunset	Subjects at dusk or dawn.
Backlight	Subjects that are in shadow or "backlit."
Children	Action pictures of children in bright light.
Bright	Bright scenes.
Fireworks	Fireworks. For best results, place the camera on a steady surface or tripod.
Night Portrait	Reduces red eye of people in night scenes or low-light conditions.

Using shortcuts

Your camera has a clean, uncluttered interface. For quick access to the most popular capture and review functions:

- 1 Press the Info **i** button.

*The shortcuts appear. To hide the shortcuts again, press **i**.*

- 2 Press **◀▶** to access functions like Exposure Compensation, Self-timer, and Auto focus in Capture mode. In Review mode, access Keyword Tags. You'll see different functions in different modes.
- 3 Press **▲▼** to choose a setting.



Using the self-timer

Use the self-timer when you want to be included in a picture, or to ensure a steady Shutter button press. For best results, place the camera on a tripod or steady surface. Use the mirror on the camera front to help compose portraits. You can turn on the self-timer using a shortcut (see page 11) or these steps:

- 1 Press the Menu  button. Press  to choose Self-timer, then press OK.
- 2 Press  to choose a Self-timer setting:
 - 2 Seconds**— A picture is taken after a 2-second delay.
 - 10 Seconds**— A picture is taken after a 10-second delay.
 - 2 Picture Timer**— The first picture is taken after a 10-second delay. A second picture is taken 8 seconds later.
- 3 Compose the scene. Press the Shutter button **completely down**.
The camera takes the picture/pictures after the delay.

Using burst

Use the burst feature to take up to 3 pictures in rapid succession. You can turn on burst using a shortcut (see page 11) or these steps:

- 1 Press the Menu  button.
- 2 Press  to choose Self-timer/Burst, then press  to choose Burst On.
- 3 Press the Menu  button.
- 4 Compose the scene. Press the Shutter button **completely down and hold it**.
The camera stops taking pictures when you release the Shutter button, when pictures are taken, or when there is no more storage space. Burst is unavailable in some modes.

3

Sharing and tagging pictures

Sharing pictures/videos through social networks

It's never been easier to share pictures on your favorite social networking sites.

IMPORTANT: *To use the sharing and social networking features, you must install the KODAK Share Button App. (See page 32.)*

- 1 Press the Share button, then   to find a picture.

If it's your first time, a Help screen appears.

- 2 Press   to choose a social networking site, then press OK.

A check mark appears. Repeat this step to choose more sites. (You can press OK again to remove a check mark.)

- 3 Press   to choose Done, then press OK.

The picture is displayed with the Share icon. When you transfer the picture to your computer, it will be uploaded to the networking site(s) that you chose.

Tip: Do you send pictures to the same sites each time?

Find a picture, then press and hold the Share button for about 1 second.

The camera applies the settings that you used previously and adds the Share icon to the picture.

Choose which social networking sites to display on your camera

You can show/hide social networking sites on your camera so that only your favorite sites appear.

- 1 Press the Menu  button.
- 2 Press   to choose the Setup tab, then   to choose Share Button Settings, then press OK.
- 3 Press   to choose a social networking site, then press   to choose Show or Hide. Repeat this step until you have chosen Show/Hide for each social network.
- 4 When finished, press   to choose Done, then press OK.

To return to picture-taking mode, press the Menu button. When you are in Review and press the Share button, only chosen sites are shown.

Manage email addresses and KODAK PULSE Digital Frames

You can add, edit, or delete email addresses and KODAK PULSE Digital Frames on your camera.

- 1 Press the Share button. Press   to choose Manage Email Addresses (or Manage Frames), then press OK.
- 2 To add an email address or frame, press   to choose Add Email or Add Frame, then press OK. Use the on-screen keyboard to make the addition.
(Example: JohnDoe@domain.com) Add a familiar, unique nickname.

To edit an email address or a KODAK PULSE Digital Frame, press   to choose the address's nickname or the frame, then press OK. Use the on-screen keyboard to make edits.

To delete an email address or frame, choose Delete Email or Delete Frame, then press OK. Press   to choose the address or frames, then press OK so that a check mark appears. Press   to choose Delete, then press OK.

- 3 When finished, press   to choose Done, then press OK.

To return to picture-taking mode, press the Menu button.

Tagging pictures

Tag pictures to make them easy to find, later.

Tagging with keywords

- 1 Press the Review  button, then  to find a picture to tag.
- 2 Press the Menu  button. Press  to choose Keyword Tag, then press OK. You can also access Keyword Tag using a shortcut (see page 11).
- 3 Press  to choose an existing keyword, or New Keyword (see [Using the keyboard, page 15](#)) to add a new one, then press OK.
- 4 Press  to add keywords to other pictures. When finished, press  to choose Done, then press OK.

To return to picture-taking mode, press the Menu button.

Using the keyboard

The keyboard appears when you need to enter text.

- 1 Press   to choose a letter, then press OK.
- 2 When finished, press  to choose OK, then press OK.

Marking pictures/videos for emailing

It's simple to mark pictures so that they're ready to email when you transfer them to your computer and use KODAK Software. First, create a new email address. (See [Using the keyboard](#).)

- 1 Press the Share button. Press   to find a picture.
- 2 Press   to choose Email, then press OK.
- 3 Press   to find an email address, then press OK.

To mark other pictures/videos with the same address, press  , then press OK.

To send the pictures/videos to more than one address, repeat step 4.

To return to picture-taking mode, press the Menu button.

When you transfer the marked pictures/videos to your computer, the software prompts you to send the pictures/videos.

4

Reviewing and editing

Reviewing pictures/videos



Review

- 1 Press the Review  button.
- 2 Press   for previous/next picture/video.
 - To exit, press the Review button.
 - To view pictures/videos as thumbnails, press the Wide Angle (W) button. For more information, see [page 19](#).
 - For tips on finding your pictures/videos, see [page 20](#).

Playing a video



Press OK to play a video. Press OK to pause/resume. During playback:

- Press  to play at 2X speed; press again for 4X.
- Press  to reverse at 2X speed; press again for 4X.

NOTE: Audio is captured during video recording. Audio can be heard when the video is played on a computer or when the camera is connected to a TV ([see page 22](#)).

Deleting pictures/videos

- 1 Press the Review  button.
- 2 Press  for previous/next picture/video.
- 3 Press the Delete button.
- 4 Follow the screen prompts.

NOTE: To delete protected pictures/videos, remove protection before deleting. (See [Protecting pictures/videos from deletion](#).)

Using the undo delete picture feature

If you accidentally delete a picture, you may be able to use Undo Delete to retrieve it. This feature is only available immediately after you delete a picture.

Protecting pictures/videos from deletion

- 1 Press the Review  button.
- 2 Press the Menu  button.
- 3 Press  to choose Protect, then press OK.
- 4 Press  to choose Protect, then press OK.

A padlock indicates that the picture/video is protected. Clicking OK again removes the padlock. Press  to protect other pictures/videos, or press  to choose Done, then press OK.

- Press the Menu  button to exit the menu.



CAUTION:

Formatting internal memory or an SD or SDHC Card deletes all (including protected) pictures/videos. (Formatting internal memory also deletes email addresses and keyword tags.)

Viewing pictures/videos in different ways

Magnifying a picture



- 1 Press Telephoto (T) to magnify 2X–8X.
- 2 Press $\blacktriangleleft\blacktriangleright\blacktriangleup\blacktriangledown$ to view other parts of a picture.
- 3 Press OK to return to 1X.

Viewing pictures/videos as thumbnails (multi-up)

- 1 Press the Review  button.

The camera shows the last picture/video that was taken.

- 2 Press the Wide Angle (W) button to view pictures/videos as thumbnails. (Press it again to see more, smaller thumbnails.)

To view all pictures/videos, choose the All tab.

To sort pictures/videos by date, favorites, or keywords, press $\blacktriangleleft\blacktriangleright\blacktriangleup\blacktriangledown$ and choose the appropriate tab.

- 3 To see a single picture/video, press $\blacktriangleleft\blacktriangleright\blacktriangleup\blacktriangledown$ to choose it. Then press the Telephoto (T) button.

- To select multiple pictures/videos, see [page 26](#).
- Press the Review button to exit Review.

A smarter way to find and enjoy your pictures

Tag pictures by keywords to make them easy to find, later. For example, the camera can find all pictures that contain "Mary" or "Dad's 60th Birthday." (See [Tagging with keywords, page 15](#).)

You can also find pictures by date taken or if it's marked as a favorite.

- 1 Press the Review  button.
- 2 Press the Wide Angle (W) button to view pictures by thumbnail (or choose View Thumbnails shortcut).
- 3 Press     to choose a tab and sort pictures/videos by All, Date, Favorite, or Keyword.
- 4 Press     to choose a picture or picture stack.

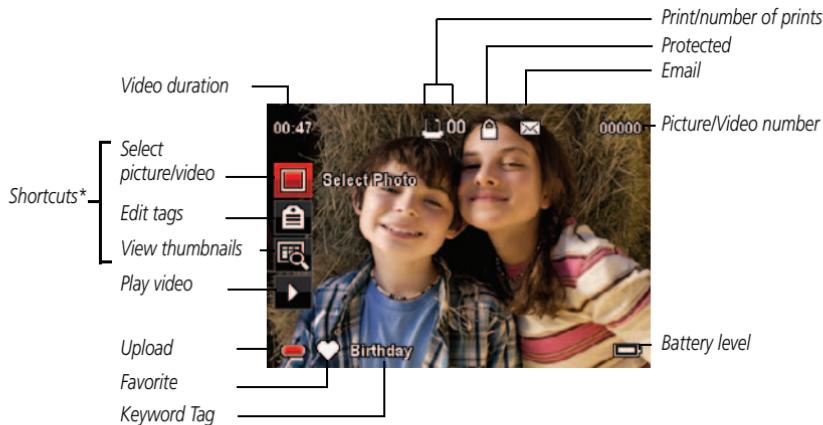
Press Telephoto (T) see pictures in a stack or to see an individual picture. Press Wide Angle (W) to see thumbnails or picture stacks.

To return to picture-taking mode, press the Review  button.



Tip: For best results, make sure the camera's date/time is current ([see page 30](#)).

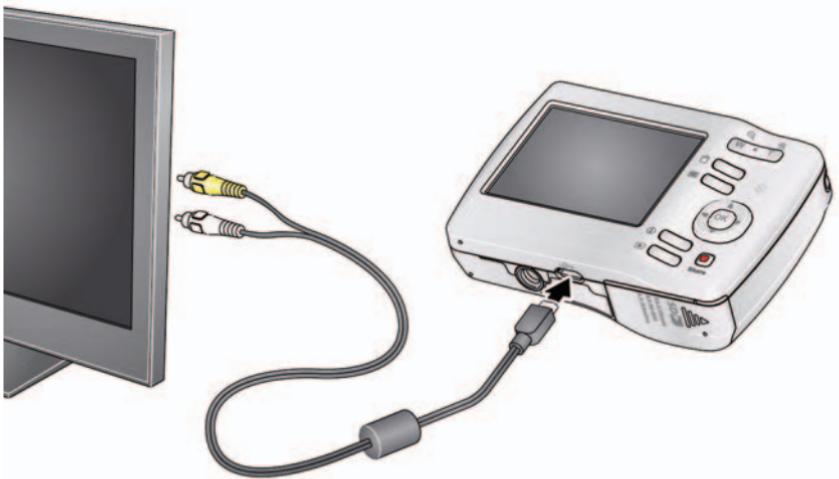
Understanding the review icons



* For more about shortcuts, see [page 11](#).

Displaying pictures/videos on a television

You can display pictures/videos on a television, computer monitor, or any device equipped with a video input. To connect the camera directly to a television, use an A/V cable (may be sold separately).



Purchase accessories www.kodak.com/go/accessories

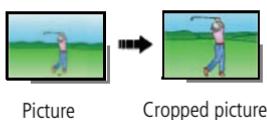
NOTE: Verify that the camera Video Out setting (NTSC or PAL) is correct (see page 30). Image quality is typically better on a computer monitor or when printed than on a television screen.

Using the menu button in review

- 1 Press the Review  button, then the Menu  button.
- 2 Press   to choose a tab:
 - **Review**
 - **Edit**
 - **Setup**
- 3 Press   to choose a setting, then press OK.
- 4 Choose an option, then press OK.

Cropping pictures

You can crop a picture so that only the desired portion of the picture remains.



- 1 Press the Review  button, then   to find a picture to crop.
- 2 Press the Menu  button, then   to choose the Edit tab. Choose Crop, then press OK.
- 3 Press Telephoto (T) to shrink the crop area or Wide (W) to stretch it. Press     to move the crop box. When satisfied with the crop box, press OK.
- 4 Follow the screen prompts.

The picture is cropped. (The original is saved.) Cropped pictures cannot be cropped again on the camera.

- To return to picture-taking mode, press the Review button.

Rotating pictures

You can rotate a picture to portrait or landscape orientation.

- 1 Press the Review  button, then  to find the previous/next picture.
- 2 Press the Menu  button. Press  to highlight the Edit tab.
- 3 Press  to highlight Rotate Picture, then press OK.
- 4 Press to highlight an option:
 - Rotate Right—rotates the picture 90 degrees clockwise.
 - Rotate Left—rotates the picture 90 degrees counterclockwise.
- 5 Press OK.
- Press the Review  button to return to Capture mode.

Using KODAK PERFECT TOUCH Technology

KODAK PERFECT TOUCH Technology helps ensure better, brighter pictures.

- 1 Press the Review  button, then  for previous/next picture.
- 2 Press the Menu  button, then  to highlight the Edit tab. Highlight PERFECT TOUCH Tech, then press OK.

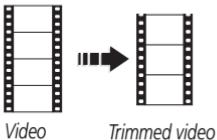
The enhancement is previewed. Press  to view other parts of the picture.
- 3 Press OK. Follow the screen prompts to replace the original picture or to save the enhanced picture as a new one.
- Press the Review  button to return to Capture mode.

NOTE: You cannot apply PERFECT TOUCH Technology to videos or to pictures to which PERFECT TOUCH Technology is already applied.

Editing videos

Trimming a video

You can remove the start or end from a video, saving only the desired portion.



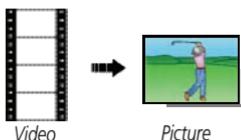
- 1 Press the Review  button, then   to find a video.
- 2 Press the Menu  button, then   to choose the Edit tab. Choose Trim, then press OK.
- 3 Press  to choose the Play icon, then press OK. When the desired first frame is displayed, press OK to pause the video. Press  to choose the Trim icon, then press OK. Repeat this step to choose the last frame.

The video is trimmed. (You can save it as a new video or replace the original.)

- To return to picture-taking mode, press the Review button.

Making a picture from a video

You can choose a single frame from a video, then make a picture suitable for a 4 x 6-inch (10 x 15 cm) print.

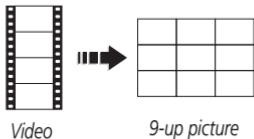


- 1 Press the Review  button, then   to find a video.
- 2 Press the Menu  button, then   to choose the Edit tab.
- 3 Choose Make Picture, then press OK.
- 4 Follow the screen prompts to choose a video frame and create a picture.

- To return to picture-taking mode, press the Review button.

Making a video action print

From a video, you can make a 9-up picture, suitable for a 4 x 6-inch (10 x 15 cm) print.

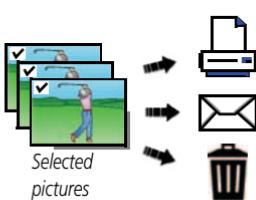


- 1 Press the Review button, then **▲▼◀▶** to find a video.
- 2 Press the Menu **[■]** button, then **◀▶** to choose the Edit tab.
- 3 Choose Video Action Print, then press OK.
A 9-up picture is created.

■ To return to picture-taking mode, press the Review button.

Selecting multiple pictures/videos

Use the multi-select feature when you have two or more pictures to print, share, delete, protect/unprotect, tag with keyword, etc. Multi-select is used most effectively in Multi-Up mode (see page 19).



- 1 Press the Review **[▶]** button, then **◀▶** (and **▲▼** if you're in multi-up mode) to find a picture/video.
- 2 Press OK to select pictures/videos.
A check mark appears on the picture. (Press OK again to remove a check mark.) You can now print, transfer, delete, etc. the selected pictures.

5

Doing more with your camera

Using the menu button to change settings

You can change settings to get the best results from your camera.

NOTE: Some modes offer limited settings. Some settings remain until you change them; others, until you change modes or turn off the camera.

- 1 Press the Menu  button.
- 2 Press   to choose a tab:
 - **Capture/Video** for the most common picture- and video-taking settings
 - **Setup** for other camera settings
- 3 Press   to choose a setting, then press OK.
- 4 Choose an option, then press OK.

Using the capture tab (available when the camera is in a capture mode)

 Settings	More information
Picture Size Choose a picture resolution.	See Specifications, starting on page 40 .
Self-timer/Burst Choose Self-timer or Burst feature.	Off 2 Seconds 10 Seconds 2 Picture Timer Burst On —Press the Shutter button completely down and hold it to take up to 3 pictures.

	Settings	More information
	Exposure Compensation	See Specifications, starting on page 40 .
	Make a picture lighter or darker. (Available in Program and Panorama modes.) To access this feature with a shortcut, see page 11 .	
	ISO Speed	Auto —For general picture taking.
	Control the sensitivity of the camera to light.	ISO 80, 100, 200, 400, 800, 1000, 1250
	Long Time Exposure	See Specifications, starting on page 40 .
	Choose how long the shutter stays open (normally in low-light conditions). For best results, place the camera on a tripod or steady surface.	
	Color Mode	Vivid Color —For increased saturation and exaggerated color.
	Choose color tones.	Full Color —For rich, balanced color.
	Unavailable in Video mode.	Basic Color —For accurate color.
		Black & White —For black and white.
		Sepia —For a reddish-brown, antique look.

Settings	More information
White Balance Choose your lighting condition. (Available only in Program and Panorama modes.)	Auto —Automatically corrects white balance. Ideal for general picture taking. Daylight —For pictures in natural lighting. Tungsten —Corrects the orange cast of incandescent light bulbs. Ideal for indoor pictures under tungsten or halogen lighting without flash. Fluorescent —Corrects the green cast of fluorescent lighting. Ideal for indoor pictures under fluorescent lighting without flash. Open Shade —For pictures in shade in natural lighting.
Sharpness Control picture sharpness or softness.	See Specifications, starting on page 40 .

Using the Setup menu

Use Setup to customize other camera settings.

Settings	More information
Date & Time	Set date and time.
LCD Brightness Choose LCD brightness during picture/video capture. (During Review, the LCD is set to High Power.)	Auto —LCD brightness is automatically adjusted according to environment. High Power —Brighter LCD; uses more battery power. Power Save —Dimmer LCD; uses less power.
Share Button Settings Choose what is displayed when the Share button is pressed.	Show or hide: ■ Individual social networking sites ■ E-mail addresses (all or none) ■ KODAK PULSE Digital Frames (all or none)
Date Stamp Add a stamp—showing the date/time that a picture was taken—to all future pictures.	On Off
Camera Sounds Choose volume, and sound effects for each function.	All on Shutter only All off
Video Out Choose the regional setting that lets you connect the camera to a television or other external device.	NTSC —Used in North America and Japan; most common format. PAL —Used in Europe and China.
Language	Choose your language.
Reset All Camera Settings	Reset settings to their default.

Settings	More information
Computer Connection Choose which application is installed or launched when you connect the camera to the computer. IMPORTANT: <i>To use the sharing and social networking features, you must install the KODAK Share Button App (page 32).</i>	KODAK Software Other Application (APPLE IPHOTO, etc.)
Format CAUTION: Formatting deletes all pictures/videos, including those that are protected. Removing a card during formatting may damage the card.	Memory Card —Deletes everything on the card; formats the card. Exit —Exits without making a change. Internal Memory —Deletes everything in internal memory including email addresses and keyword tags; formats the internal memory.
KODAK Camera Software View URL on camera to download KODAK Software.	
About	View camera information.

6

Transferring, printing pictures

Transferring pictures to your computer

IMPORTANT: *To use the sharing and social networking features, you must install the KODAK Share Button app.*

Verify that the computer is connected to the Internet. When you connect the camera to the computer, the KODAK Camera Setup App automatically runs. Follow the prompts to install the KODAK Share Button App.



- 1 Turn off the camera.
- 2 Use the KODAK Camera USB Cable, Micro B / 5-Pin to connect the camera to the computer. (Use only the cable included with this camera.)
- 3 Turn on the camera.
- 4 After the software is installed, follow the prompts to transfer pictures and videos to your computer.

IMPORTANT: *If the installer does not run, choose and install the right version for your computer:
www.kodak.com/go/cameraws.*

NOTE: You can also use a card reader to transfer pictures/videos.

Download KODAK Software later www.kodak.com/go/cameraws

Get Software help www.kodak.com/go/support

Printing pictures

Direct printing with a KODAK All-in-One Printer

IMPORTANT: *To print using PICTBRIDGE Technology, you must change the Computer Connection setting (in the Setup menu) to Other Application (see page 31).*

You need a camera, a PICTBRIDGE enabled Printer, and a USB cable.

Connecting the camera to a KODAK All-in-One Printer

- 1 Turn off the camera and printer.
- 2 Connect the appropriate USB cable from the camera to the printer.

Printing from a KODAK All-in-One Printer

- 1 Turn on the printer. Turn on the camera.

The PictBridge logo is displayed, followed by the current picture and menu. (If no pictures are found, a message is displayed.) If the menu turns off, press any button to redisplay it. If the printer sees the camera as a mass storage device, turn the camera off and then back on.

- 2 Choose a printing option, then press OK.

Current Picture—Press to choose a picture.

Tagged Pictures—If your printer is capable, print pictures that you marked for printing.

Index Print—Print thumbnails of all pictures. (This option requires one or more sheets of paper.)

All Pictures—Print all pictures in internal memory or on a card.

NOTE: During direct printing, pictures are not permanently transferred or saved to the printer. To transfer pictures to your computer, see [page 32](#).

Purchase cables, accessories www.kodak.com/go/accessories

Disconnecting the camera from a KODAK All-in-One Printer

- 1 Turn off the camera and printer.
- 2 Disconnect the USB cable from the camera and the printer.

Ordering prints online

KODAK Gallery (www.kodakgallery.com) makes it easy to:

- Upload your pictures.
- Edit, enhance, and add borders to your pictures.
- Store pictures, and share them with family and friends.
- Have prints, photo greeting cards, frames, and albums delivered to your door.

Printing from an optional SD or SDHC Card

- Automatically print tagged pictures when you insert your card into a printer with an SD/SDHC Card slot. See your printer user's guide for details.
- Make prints at an SD/SDHC Card-capable KODAK Picture Kiosk. Go to www.kodak.com/go/pictuemaker.
- Take the card to your local photo retailer for professional printing.

Marking your pictures for print

You can mark your pictures so they are easy to print:

- 1 Press the Review  button. Press  to find a picture.
- 2 Press the Menu  button.
- 3 Press  to choose Print, then press OK.
- 4 Press  to choose the number of copies.
- 5 Press OK.
 - To return to picture-taking mode, press the Review button.

Getting help from your camera

Your camera offers a built-in Help system. It describes every setting for every menu choice. If you learn nothing else about your camera, learn how to use on-camera Help.

Turning on camera Help



- ① Press the Menu  button, then make a menu choice.
- ② Press the Info  button.
 Scroll through a Help topic.

Troubleshooting

Camera problems

Status	Solution
Camera does not turn on	■ Make sure the battery is charged and installed correctly (see page 1).
Camera does not turn off	
Camera buttons and controls do not function	
LCD is too dark.	■ Adjust the LCD Brightness setting (see page 30).
Pictures remaining number does not decrease after taking a picture	■ Continue taking pictures. The camera is operating normally. (The camera estimates the number of pictures remaining after each picture is taken, based on picture size and content.)
Flash does not fire	■ Check the flash setting, and change as needed (see page 8). NOTE: The flash does not fire in all modes.
Memory card is almost or entirely full	■ Transfer the pictures to the computer (see page 32). ■ Delete pictures from the card (see page 18) or insert a new card.
Memory card not recognized or camera freezes with card	■ Card may be corrupted. Format the card in the camera (see page 31). ■ Use another memory card. Only SD or SDHC Cards are supported.
Battery life is short	■ Verify that the correct battery type is installed (see page 44). ■ Wipe the battery contacts with a clean, dry cloth before inserting it in the camera. ■ Insert a new/charged battery (see page 1). ■ Limit the time you review pictures/videos on the camera LCD. ■ Purchase batteries at www.kodak.com/go/accessories .

Status	Solution
You cannot take a picture	<ul style="list-style-type: none"> ■ Turn off the camera, then turn on the camera. ■ Depress the Shutter button all the way (see page 4). ■ Insert a new/charged battery (see page 1). ■ Memory is full. Transfer pictures to the computer (see page 32), delete pictures (see page 18), or insert another card.
Cannot find the desired picture/video	<ul style="list-style-type: none"> ■ To view pictures on a card or in internal memory, see page 17.

Computer/connectivity problems

Status	Solution
Slide Show does not run on an external display device	<ul style="list-style-type: none"> ■ Adjust the camera Video Out setting to NTSC or PAL (see page 30). ■ Make sure the external device settings are correct (see the user guide for the device).
Computer does not communicate with the camera	<ul style="list-style-type: none"> ■ Turn off the camera, then turn on the camera. ■ Make sure the battery is charged and installed correctly (see page 1). ■ Make sure the KODAK Camera USB Cable, Micro B / 5-Pin is connected to the camera and the computer (see page 32), then turn on the camera. ■ See KODAK Software Help at www.kodak.com/go/camerasw.

Direct printing (PICTBRIDGE enabled printer) problems

Status	Solution
Cannot print to a PICTBRIDGE Printer	<ul style="list-style-type: none"> ■ In the Setup menu, change the Computer Connection setting to Other Application (see page 31).

Picture quality problems

Status	Solution
Picture is not clear	<ul style="list-style-type: none">■ Clean the lens (see page 42).■ Place the camera on a flat, steady surface or use a tripod (especially in high-zoom settings or in low light).■ Use a larger picture size (see page 27).■ If you're manually adjusting the ISO speed, realize that high ISO setting may cause grainy pictures (see page 28).
Picture is too dark	<ul style="list-style-type: none">■ Reposition the camera for more available light.■ Use Fill flash (see page 8) in Program mode, Backlight in SCN mode, or change your position so light is not behind the subject.■ Move so that the distance between you and the subject is within the effective flash range. (See Specifications, page 40.)■ In Program mode, increase the Exposure Compensation (see page 28).
Picture is too light	<ul style="list-style-type: none">■ Reposition the camera to reduce the amount of available light.■ Turn off the flash (see page 8).■ Move so that the distance between you and the subject is within the effective flash range (see Specifications, page 40).■ In Program mode, decrease the Exposure Compensation (see page 28).

Getting help on the Web

Camera

Get support for your product (FAQs, troubleshooting information, arrange for repairs, etc.) www.kodak.com/go/CD24support

Purchase camera accessories www.kodak.com/go/accessories

Download the latest camera firmware and software www.kodak.com/go/CD24downloads

Register your camera www.kodak.com/go/register

Chat, email, write, or phone Kodak
(Chat not available in all languages) www.kodak.com/go/contact

Get information on KODAK All-in-One Printers www.kodak.com/go/inkjet

Specifications

CCD—1/2.33-type

Effective pixels—12 MP (4026 x 3026)

LCD—2.4 in. (6.1 cm) LCD; 112K pixels; 4:3 aspect ratio

Image storage—Optional SD/SDHC Card  (The SD logo is a trademark of the SD Card Association.) Maximum supported card size: 32 GB

Internal storage capacity—16 MB internal memory (4.2 MB available for image storage. 1 MB equals one million bytes.)

Taking lens—5X digital zoom; f/4.5; 35 mm equivalent: 35 mm

Digital zoom—5X continuous

Focus system—Fixed; Multi-Zone, Center-Zone, Face Priority. Working range: 1.3 m (4.27 ft)—infinity

Face detection—Yes

Shutter speed—1/8–1/1400 seconds

Long time exposure—0.5–8 seconds

ISO speed—Up to 1250 at full resolution

Exposure metering—Multi-pattern, center-weighted, center spot

Exposure compensation—+/-2.0 EV with 1/3 EV step

White Balance—Auto, Daylight, Tungsten, Fluorescent, Open Shade

Electronic Flash—Auto flash; Auto, Fill, Red Eye, Off; Guide No. 6.5: working range @ ISO 360 with red-eye reduction off: 0.3–2.45 m (1–11.5 ft)

Self-timer mode—2 seconds, 10 seconds, 2 picture timer

Burst mode—Maximum 3 pictures @ 1.5 fps

Capture modes—Auto mode, Scene modes, Video

Image file format—

Still: EXIF 2.3 (JPEG compression); file organization DCF

Video: .AVI (CODEC Motion JPEG; audio: μ -Law)

Picture size—

12 MP (4:3): 4000 x 3000 pixels

11 MP (3:2): 4000 x 2664 pixels

9 MP (16:9): 4000 x 2248 pixels

6 MP (4:3): 2880 x 2160 pixels

3 MP (4:3): 2048 x 1536 pixels

Color modes—Vivid Color, Full Color, Basic Color, Black & White, Sepia

Sharpness modes—Sharp, Normal, Soft

Video capture—2 GB maximum; VGA (640 x 480 @ 30 fps)

Communication with computer—USB 2.0 high speed (PIMA 15740 protocol); via KODAK Camera USB Cable, Micro B / 5-Pin

Video output—NTSC or PAL

Microphone—Yes

Beeper—Yes

PICTBRIDGE Support—Yes

Power—KODAK AA Alkaline Battery, ENERGIZER L91 Lithium Battery, rechargeable AA-size NiMH batteries

Tripod mount—1/4 inch

Size—89.9 x 61.8 x 28.6 mm (3.4 x 2.0 x 0.7 in.) @ power off

Weight—145 g (5.1 oz) including card and battery

Operating temperature—0–40° C (32–104° F)

Care and maintenance

- If you suspect water has gotten inside the camera, remove the battery and card. Allow all components to air-dry for at least 24 hours before using the camera.
- Blow gently on the lens or LCD to remove dust and dirt. Wipe gently with a soft, lint-free cloth or an untreated lens-cleaning tissue. Do not use cleaning solutions unless designed specifically for camera lenses. Do not allow chemicals, such as suntan lotion, to contact painted surfaces.
- Service agreements may be available in your country. Contact a dealer of KODAK Products for more information.
- For digital camera disposal or recycling information, contact your local authorities. In the US, go to the Electronics Industry Alliance site at www.eiae.org or Kodak at www.kodak.com/go/support.

Upgrading your software and firmware

Download the latest versions of KODAK Software and the camera firmware (the software that runs on the camera). Go to www.kodak.com/go/CD24downloads.

Storage capacities

The LCD displays the approximate number of pictures (or minutes/seconds of video) remaining. For average SD Card capacities, go to www.kodak.com/go/SDcapacities. Actual storage capacity varies depending on subject composition, card size, and other factors. You may be able to store more or fewer pictures and videos.

Important safety instructions



CAUTION:

Do not disassemble this product; there are no user-serviceable parts inside. Refer servicing to qualified service personnel. KODAK AC Adapters and Battery Chargers are intended for indoor use only. The use of controls, adjustments, or procedures other than those specified herein may result in exposure to shock and/or electrical or mechanical hazards. If the LCD breaks, do not touch the glass or liquid. Contact Kodak customer support.

- The use of an accessory that is not recommended by Kodak may cause fire, electric shock, or injury. For approved accessories, go to www.kodak/go/accessories.
- Use only a USB-certified computer equipped with a current-limiting motherboard. Contact your computer manufacturer if you have questions.
- If using this product in an airplane, observe all instructions of the airline.
- When removing the battery, allow it to cool; it may be hot.
- Follow all warnings and instructions supplied by the battery manufacturer.
- Use only batteries approved for this product to avoid risk of explosion.
- Keep batteries out of the reach of children.
- Do not allow batteries to touch metal objects, including coins. Otherwise, a battery may short circuit, discharge energy, become hot, or leak.
- Do not disassemble, install backward, or expose batteries to liquid, moisture, fire, or extreme temperature.
- Remove the battery when the product is stored for an extended period of time. In the unlikely event that battery fluid leaks inside the product, contact Kodak customer support.
- In the unlikely event that battery fluid leaks onto your skin, wash immediately with water and contact your local health provider. For additional health-related information, contact your local Kodak customer support.

- Go to www.kodak.com/go/reach for information about the presence of substances included on the candidate list according to article 59(1) of Regulation (EC) No. 1907/2006 (REACH).
- Dispose of batteries according to local and national regulations. Go to www.kodak.com/go/kes.
- Do not charge non-rechargeable batteries.

For more information on batteries, go to www.kodak.com/go/batterytypes.

Battery replacement, battery life

KODAK AA Alkaline Battery, 300 pictures. Battery life per CIPA testing method. (Approx. number of pictures in Smart Capture mode, using an SD Card.) Actual life may vary based on usage.

Extending battery life

- Use power-saving features, such as LCD Brightness ([see page 30](#)).
- Charge the battery whenever necessary.
- Dirt on the battery contacts can affect battery life. Wipe the contacts with a clean, dry cloth before loading the battery in the camera.
- Battery performance is reduced at temperatures below 41° F (5° C). When using your camera in cold weather, carry spare batteries and keep them warm. Do not discard cold batteries that do not work; when they return to room temperature, they may be usable.

Limited warranty

Kodak warrants its digital cameras and accessories (excluding batteries) to be free from malfunctions and defects in both materials and workmanship for the warranty period specified on your KODAK Product packaging. Retain the original dated sales receipt. Proof of purchase date is required with any request for warranty repair.

Limited warranty coverage

Warranty service is only available from within the country where the Products were originally purchased. You may be required to ship Products, at your expense, to the authorized service facility for the country where the Products were purchased. Kodak will repair or replace Products if they fail to function properly during the warranty period, subject to any conditions and/or limitations stated herein. Warranty service will include all labor as well as any necessary adjustments and/or replacement parts. If Kodak is unable to repair or replace a Product, Kodak will, at its option, refund the purchase price paid for the Product provided the Product has been returned to Kodak along with proof of the purchase price paid. Repair, replacement, or refund of the purchase price are the sole remedies under the warranty. If replacement parts are used in making repairs, those parts may be remanufactured, or may contain remanufactured materials. If it is necessary to replace the entire Product, it may be replaced with a remanufactured Product. Remanufactured Products, parts and materials are warranted for the remaining warranty term of the original Product, or 90 days after the date of repair or replacement, whichever is longer.

Limitations

This warranty does not cover circumstances beyond Kodak's control. This warranty does not apply when failure is due to shipping damage, accident, alteration, modification, unauthorized service, misuse, abuse, use with incompatible accessories or attachments (such as third party ink or ink tanks), failure to follow Kodak's operation, maintenance or repacking instructions, failure to use items supplied by Kodak (such as adapters and cables), or claims made after the duration of this warranty. Kodak makes no other express or implied warranty for this product. In the event that the exclusion of any implied warranty is ineffective under the law, the duration of the implied warranty will be the length of the express warranty period specified on your Kodak product packaging. The option of repair, replacement, or refund is Kodak's only obligation. Kodak will not be responsible for any special, consequential or incidental damages resulting from the sale, purchase, or use of this product regardless of the cause. Liability for any special, consequential or incidental damages (including but not limited to loss of revenue or profit, downtime costs, loss of the use of the equipment, cost of substitute equipment, facilities or services, or claims of your customers for such damages resulting from the purchase, use, or failure

of the Product), regardless of cause or for breach of any written or implied warranty is expressly disclaimed. The limitations and exclusions of liability set forth herein apply to both Kodak and its suppliers.

Your rights

Some states or jurisdictions do not allow exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states or jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific rights, and you may have other rights which vary from state to state or by jurisdiction.

Outside the United States and Canada

In countries other than the United States and Canada, the terms and conditions of this warranty may be different. Unless a specific Kodak warranty is communicated to the purchaser in writing by a Kodak company, no warranty or liability exists beyond any minimum requirements imposed by law, even though defect, damage, or loss may be by negligence or other act.

Regulatory compliance

FCC compliance and advisory

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed or used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: 1) reorient or relocate the receiving antenna; 2) increase the separation between the equipment and the receiver; 3) connect the equipment to an outlet on a circuit different from that to

which the receiver is connected; 4) consult the dealer or an experienced radio/TV technician for additional suggestions. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulation. The KODAK High Performance USB AC Adapter K20-AM complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Waste Electrical and Electronic Equipment/Battery disposal



In Europe: For human/environmental protection, it is your responsibility to dispose of this equipment and batteries at a collection facility established for this purpose (separate from municipal waste.) For more information, contact your retailer, collection facility, or appropriate local authorities; or go to www.kodak.com/go/recycle. Product weight: 145 g (5.1 oz) including card and battery



Canadian DOC statement

DOC Class B Compliance—This Class B digital apparatus complies with Canadian ICES-003.

Observation des normes-Classe B—Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CE

Hereby, Eastman Kodak Company declares that this KODAK Product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Australian C-Tick



VCCI Class B ITE

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。

VCCI-B

China RoHS

环保使用期限 (EPUP)

在中国大陆，该值表示产品中存在的任何危险物质不得释放，以免危及人身健康、财产或环境的时间期限（以年计）。
该值根据操作说明书中所规定的产品正常使用而定。

有毒有害物质或元素名称及含量标识表

部件名称	有毒有害物质或元素					
	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
数码相机电路板元件	×	○	○	○	○	○
锂电池	×	○	○	○	○	○
交流变压器	×	○	○	○	○	○
电池充电器	×	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T 11363-2006规定的限量要求以下。

×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T 11363-2006规定的限量要求。



Russian GOST-R



Eastman Kodak Company
Rochester, NY 14650

Фотокамера изготовлена в Китае; остальные элементы -
АО-40 в соответствии с маркировкой.

Korean Class B ITE

B급 기기

(가정용 방송통신기기)

이 기기는 가정용(B급)으로 전자파적합등록을
한 기기로서 주로 가정에서 사용하는 것을 목적
으로 하며, 모든 지역에서 사용할 수 있습니다.

Index

A

- A/V out, 22
- about this camera, 31
- accessories
 - battery, 44
 - buying, 39
 - SD/SDHC Card, 3
- add keywords, names, 15
- auto, 9
 - enhancement, 24

B

- backlight, 10
- battery
 - expected life, 44
 - icons, 7
 - loading, 1
 - types, 44
- bright, 10
- brightness, LCD, 6
- burst, 12
- button
 - delete, 5
 - telephoto/zoom, 7

C

- cable
 - audio/video, 22
- camera sounds, 30
- Canadian compliance, 47
- care and maintenance, 42
- charging

- battery icon, 7
- children, 10
- clock, setting, 2
- color mode, 28
- computer
 - connect camera, 32
 - transfer to, 32
- connector, USB / A/V, 22
- copy pictures
 - to computer, 32
- cropping pictures, 23
- customize camera, 30

D

- date setting, 2
- deleting
 - during quickview, 5
 - from internal memory, 18
 - from SD/SDHC Card, 18
 - protecting pictures, videos, 18
- display, brightness, 6
- disposal, recycling, 42
- download
 - KODAK Software, 32
- download pictures, 32

E

- edit videos, 25
- emailing pictures, videos, 16
- expected battery life, 44
- exposure
 - long time, 28, 30

exposure compensation, 28
external video device
viewing pictures, videos, 22

F

FCC compliance, 46
find pictures, 20
fireworks, 10
firmware, upgrading, 42
flash, using, 8
flower, 10
format, 31
framing marks, 4

G

guidelines, battery, 44

H

help
camera help, 35
Web links, 35

I

icons
battery, 7
icons, modes, 9
installing
battery, 1
SD/SDHC Card, 3
ISO speed, 28

K

keyboard, 15
keywords, 15
KODAK EASYSHARE Software

upgrading, 42
KODAK PERFECT TOUCH
Technology, 24
KODAK Software, download, 32
Kodak Web sites, 35

L

language, 30
LCD
brightness, 30
reviewing pictures, 17
reviewing videos, 17
LCD brightness, 6, 30
lens
cleaning lens, 42
loading
battery, 1
SD/SDHC Card, 3
locate pictures, 20
long time exposure, 28, 30

M

magnify a picture, 19
maintenance, camera, 42
make picture from video, 25
making a video action print, action print,
video action print, 26
marking
for email, 16
memory
inserting card, 3
menu settings, 27
modes, 9
backlight, 10

bright, 10
children, 10
fireworks, 10
flower, 10
night portrait, 10
scene (SCN), 10
modes, capture
 auto, 9
multiple selections, 26
multi-up, 19

N
night portrait, 10

O
online prints, ordering, 34
optical zoom, 7

P
PERFECT TOUCH Technology, 24
PICTBRIDGE enabled printer, 33
picture size, 27, 28
pictures
 cropping, 23
 emailing marked, 16
 KODAK PERFECT TOUCH, 24
 marking, 34
 protecting, 18
 review icons, 21
 reviewing, 17
 taking, modes, 9
 transfer to computer, 32
pictures/video
 deleting, 18
playing a video, 17

power
 camera, 2
power icon, 7
printing
 from a card, 34
 optimizing printer, 35
 order online, 34
 PICTBRIDGE, 33
 tagged pictures, 34
protecting pictures, videos, 18

Q
quickview, using, 5

R
recycling, disposal, 42
regulatory information, 46
repair, 39
reset camera, 30, 31
reviewing pictures/video
 as you take them, 5
 deleting, 18
 LCD, 17
 protecting, 18

S
safety, 43
scene modes (SCN), 10
SD/SDHC Card
 inserting, 3
 printing from, 34
search pictures, 20
select multiple pictures/videos, 26
self-timer, 12
setting

camera sounds, 30
color mode, 28
date and time, 2
ISO, 28
language, 30
LCD brightness, 30
long time exposure, 28, 30
picture size, 27, 28
picture-taking mode, 9
self-timer, 12
sharpness, 29
video out, 30
white balance, 29
setting up the camera, 1
setup menu, 30
Share button, 30
sharpness, 29
shutter
 problems, 37
 self-timer delay, 12
smart display, 30
smart find, 20
software
 upgrading, 42
software downloader, 32
sounds, 30
specifications, camera, 40
strap, 1

T

tagging
 keywords, 15
taking pictures, videos, 4
television, slide show, 22

time, setting, 2
timer, shutter delay, 12
tips
 battery guidelines, 44
 care & maintenance, 42
transfer pictures, 32
trash can, deleting, 5
trimming a video, 25
troubleshooting, 35
turning camera on and off, 2
typing, 15

U

undelete, undo, 18
upgrading software, firmware, 42
URLs, Kodak Web sites, 35
USB
 transfer pictures, 32

V

VCCI compliance, 48
video
 edit, 25
 emailing marked, 16
 out, 30
 playback, 17
 protecting, 18
 review icons, 21
 transfer to computer, 32
 viewing, 17
video out, 30
viewing
 by multi-up, 19
picture, after taking, 5, 17

W

warranty, 44
white balance, 29

Z

zoom
optical, 7